Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE or respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons are requin

| Substitu | te for form 1449A/PT | o | · | | Complete if Known |
|-----------------------------------|----------------------|------|----------|---------------------------|-------------------|
| | | | • | Application Number | 10/786,153 |
| INFORMATION DISCLOSURE | | | | Filing Date | February 26, 2004 |
| STA | TEMENT B | BY A | PPLICANT | First Named Inventor | Tadashi ICHIDA |
| | | | | Group Art Unit | |
| (use as many sheets as necessary) | | | | Examiner Name | |
| Sheet | 1 | - of | 1 4 | Automore Souther Albertan | CN 110045040 |

| | . [| U.S. Patent D | ocument | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Documen |
|----------------|-------------------|---------------------------------------|-------------------------|---|--------------------------------------|
| S P | Cite No. | Number | Kind Code (if known) | | MM-YYYY |
| me | | 5,213,548 | B1 | Colbert et al. | 05-1993 |
| 1 1 | · ·· · | 5,518,456 | B1 | Kojima et al. | 05-1996 |
| 0 2 6 2004 | ш, | 5,860,880 | B1 | Öka | 01-1999 |
| PU' ' | | 5,873,283 | B1 | Chen et al. | 02-1999 |
| | ॐ ′ ☐ | 6,282,976 | B1 | Jordan et al. | 09-2001 |
| C THE STATE OF | | 6,619,154 | B2 | Campagnolo | 09-2003 |
| 2 10:50 P | | 6,648,782 | B2 | Valle | 11-2003 |
| | | 6,679,797 | B2 | Valle | 01-2004 |
| inc | | 2003/0092519 | A1 | Fukuda | 05-2003 |
| | | | | | |
| | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | | | |
| | | | | | |
| | | <u></u> . | | | |

| | | | F | OREIGN PAT | TENT DOCUMENTS | | |
|-----------|----------|-------------------------|---------------|--|--|------------------------------|-----------------------------------|
| Examiner | | Foreign Patent Document | | | <u> </u> | Date of Publication | |
| Initials* | Cite No. | Office | Number | Kind Code (if known) | Name of Patentee or Applicant of Cited Document | of Cited Document MM-YYYY | Translation (Yes or No or N/A) |
| | | . | | <u> </u> | | | |
| | | | | | | | - |
| | | | | | | | |
| | <u>.</u> | | - | ļ | | | |
| | | | | ļ | | | |
| | | | | ļ | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | ļ | | | <u> </u> |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Examiner Signature | ala l | Date Considered | 1 > 19 > 7 000 |
|-----------------------|-------|--------------------|----------------|
| 0.31.0.010 | nocle | Considered | 1-17-200 |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002 OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for fogo 3249A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Application Number 10/786,153 February 26, 2004 Filing Date Tadashi ICHIDA First Named Inventor 3682 Group Art Unit Examiner Name SN-US045010

(use as many sheets as necessary)

Attorney Docket Number

| 3 | | | U.S. PATENT | OCUMENTS | |
|----------|-----------------|--|--------------------------------|--|---|
| Examiner | Cite | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant |
| initials | Initials * No.1 | Number - Kind Code ² (if known) | MM-OD-TTTT | | Figures Appear |
| ML | | US- 3,919,891 | 11-18-1975 | Stuhlmuller et al. | |
| | | US- 5,514,041-A | 05-07-1996 | Hsu | |
| | | US- 5,577,969-A | 11-26-1996 | Watarai | |
| | | US- 5,681,234 | 10-28-1997 | Ethington | |
| | | US- 6,629,574-B2 | 10-07-2003 | Tumer | |
| | | US- 6,767,308-B2 | 07-27-2004 | Kitamura | |
| | | US- 2002/0190173-A1 | 12-19-2002 | Fujii | |
| | | US- 2004/0063528-A1 | 04-01-2004 | Campagnolo | |
| me | | US- 2004/0115962-A1 | 06-17-2004 | Kitamura et al. | |
| | | US- | | | |
| | 1 | US- | | | |
| | | US- | | | |
| | | US- | | | |

| | FOREIGN PA | ATENT DOCU | MENTS | | |
|------|---|-------------------------|--------------------------------|--|--|
| 0:1- | Foreign Patent Document | | Name of Patentee or | Pages, Columns, Lines, | |
| No.1 | Cauntry Code ³ - Number ⁴ - Kind Code ⁶ (if known) | Date MM-DD-YYYY | Applicant of Cited Document | Passages or Relevant | T° |
| | DE-4340471-C1 | 02-02-1995 | Butz | | No |
| | EP-1010613-A1 | 06-12-2000 | Fukuda | Figures 3-6; Claims 1-30 | N/A |
| | EP-1310423-A2 | 05-14-2003 | Fukuda | Figure 13; Claims 1-30 | N/A |
| | EP-1357023-A1 | 10-29-2003 | Campagnolo | | N/A |
| | WO-97/07919 | 03-06-1997 | Hessabi | Abstract; Figure 1; Claims 1-5, 17, 18, and 30 | No |
| | | | | | |
| | | | | | |
| | | ļ | | ļ | |
| | Cite No.1 | Foreign Patent Document | Foreign Patent Document | Country Code ³ - Number ⁴ - Kind Code ⁶ (if known) Publication Date Applicant of Cited Document | Cite No. Foreign Patent Document Publication Date Name of Patentee or Applicant of Cited Document Publication Date Name of Patentee or Applicant of Cited Document Passages or Relevant Passag |

| Examiner Signature | Whan le | Date Considered | 1-19-200) |
|-----------------------|---------|--------------------|-----------|

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English tanguage Translation is

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

PCT 0 4 2006

Sheet

(use as many sheets as necessary)

of

| Complete If Known | | | | | |
|------------------------|-------------------|--|--|--|--|
| Application Number | 10//786,153 | | | | |
| Filing Date | February 26, 2004 | | | | |
| First Named Inventor | Tadashi ICHIDA | | | | |
| Group Art Unit | 3682 | | | | |
| Examiner Name | | | | | |
| Attorney Docket Number | SN-US045010 | | | | |

| | | | U.S. PATENT | OCUMENTS | |
|-------------------------------|------|---|--------------------------------|----------------------------------|---|
| Examiner Cite Initials * No.1 | 1 | Document Number | I | Name of Patentee or Applicant of | Page Calumna Lines When Balance |
| | No.1 | Number - Kind Code ² (# known) | Publication Date MM-DD-YYYY | Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| M.C. | L | US- 5,470,277-A | 11-28-1995 | Romano | |
| me | | US- 2002/0061797-A1 | 05-23-2002 | Valle | |
| | | US- | | | |
| | | US- | | | |
| | ſ | US- | | | |
| | | US- | - | | |
| | | US- | | | |
| | Ī | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | - | US- | | | |
| | | US- | | | |

| | FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------|--------------------------|--|--------------------|--------------------------------|--|----------------|
| Examiner Cite No.1 | | Foreign Patent Document | Publication | Name of Patentee or | Pages, Columns, Lines, Where Relevant | |
| | | Country Code ³ - Number ⁴ - Kind Code ⁶ (# known) | Date MM-DD-YYYY | Applicant of Cited Document | Passages or Relevant Figures Appear | T [©] |
| MC | | EP-1 147 978-A2 | 04-09-2001 | Kondo | | N/A |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | · · · | |
| | | | | | | |
| | | | - | | | |
| | | | | | | |
| | | | | | 1 | |

| Examiner Signature | whale | Date Considered | 1-18-2007 |
|-----------------------|-------|--------------------|-----------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Applicant's unique citation designation number (optional) . 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the relgn of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is attached.